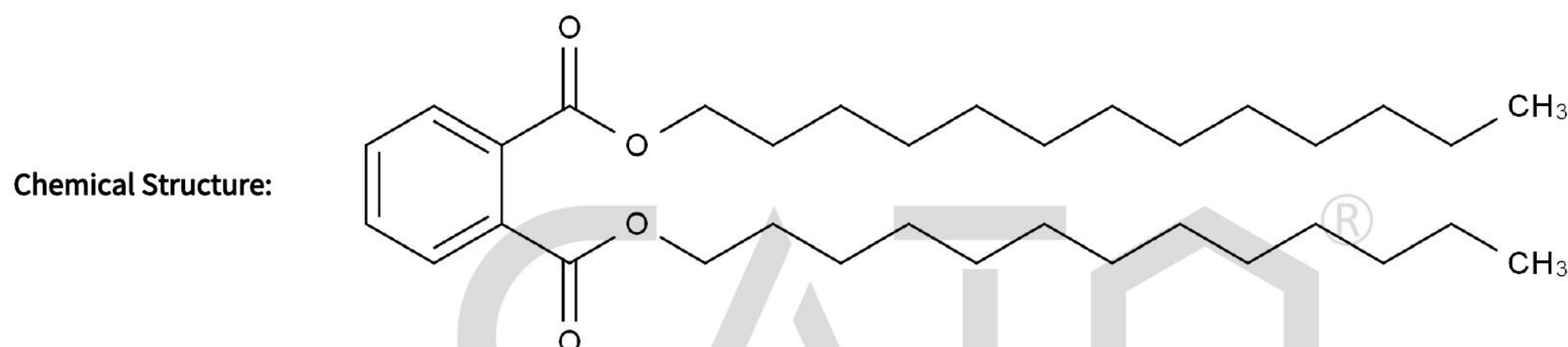


Certificate of Analysis

Reference Material & Standard

Product Name:	Phthalic acid, bis-tridecyl ester	Catalogue Number:	CCFD200921
Synonyms:	N/A	Lot Number:	0617-RH-0060
CAS Number:	119-06-2	Expiry Date:	Jun 24, 2032
Molecular Formula:	C ₃₄ H ₅₈ O ₄	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	530.82	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.7%
Assay	qNMR	99.0%
Uncertainty		±0.4%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 25, 2026

Date: Jun 25, 2026

Date: Jun 25, 2026



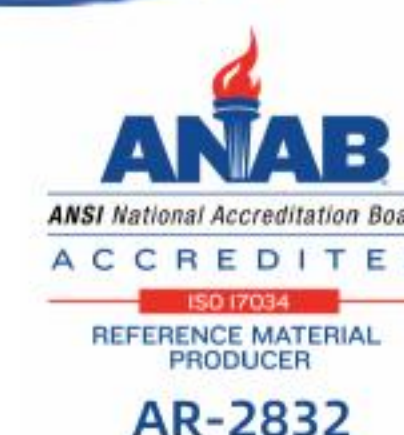
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